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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/630,566

07/30/2003

Sheel A. Gupte

2006.66832

8647

24978

7590

07/18/2006

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CHICAGO, IL 60606

EXAMINER

NGUYEN, TU X

ART UNIT

PAPER NUMBER

2618

DATE MAILED: 07/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/630,566

Applicant(s)

GUPTE, SHEEL A.

Examiner

Tu X. Nguyen

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-27 and 29 is/are allowed.
- 6) ☒ Claim(s) 28 and 30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>5/28/04</u> . | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

2. Claims 28 and 30, are rejected under 35 U.S.C. 102(e) as being anticipated by Yi et al. (US Patent 6,292,980).

Regarding claim 28, Yi et al. disclose method of assembling a self-contained hinge assembly of the type used in a flip device having a main part and a flip part that are joined by the hinge assembly, comprising:

orienting a cam (see 20, fig.13) with respect to a follower surface (see 30, fig.13);  
orienting a biasing member with respect to said follower surface (see 40, fig.13);  
configuring a housing having a plurality of subunits to closely hold said cam and said follower surface (see 50a, 10a, fig.13);  
coupling said plurality of subunits to form said housing; and coupling a key member to said cam via a recess in said housing (see 21a, fig.5).

Regarding claim 30, Yi et al. disclose a method of assembling a self-contained hinge assembly of the type used in a flip device (fig.7) having a main part (see 1001, fig.7) and a flip part (see 2000, fig.7) that are joined by the hinge assembly, comprising: orienting a cam with respect to a follower surface (see 20, 30, fig.13); orienting a biasing member with respect to

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said follower surface (see 40, fig.13); configuring a housing having a plurality of subunits (see 50a, 10a, fig.13) to closely hold said cam and said follower surface; coupling said plurality of subunits to form said housing (see fig.14); and coupling a key member to said cam via a recess in said housing (see 21a, fig.5).

### ***Allowable Subject Matter***

3. Claims 1-27 and 29, are allowed.
4. The following is a statement of reasons for the indication of allowable subject matter:

Regarding independent claim 1, the prior arts fail to teach "a first direction extending from underneath said cam follower surface", as cited in the claim.

Regarding independent claim 26, the prior arts fail to teach "an elongated shaft extending from said cam follower in a generally perpendicular direction", as cited in the claim.

Regarding independent claim 27, the prior arts fail to teach "a rotatable key member extending outwardly from said housing from said cam assembly in a direction generally perpendicular to said first direction and configured to engage the flip part of the flip device", as cited in the claim.

Regarding independent claim 29, the prior arts fail to teach "orienting a biasing member with respect to said follower surface so that said biasing member has a longitudinal axis that is generally perpendicular to an underside of said follower surface", as cited in the claim.

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu Nguyen whose telephone number is 571-272-7883. The examiner can normally be reached on Monday through Friday from 6:30AM-2:30PM.

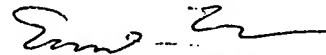
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



June 29, 2006



EDWARD F. URBAN  
SUPERVISORY PATENT EXAMINER  
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